

From owner-qrp-l@netcom.com Wed Dec 21 22:02:27 1994
Message-Id: <9412211804.D3236Ev@wa8tzg.mi.org>
Date: Wed, 21 Dec 1994 18:04:29 EST
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: A modest proposal for handling the "list volume" problem

One of the biggest motivators for moving to a newsgroup seems to be the volume of mail on the list. This CAN be managed:

It looks like roughly half of the traffic over the last several weeks has been for/about the fox-hunting crowd. While this might be of intense interest to that group (as good an avocation as any) it is of little or no interest to others (me, anyway).

My proposal is simply that the list be split by establishing a SEPARATE list for fox-hunting/contesting/"I worked <fill in the blank>" traffic and leaving the technical/homebrew/other miscellaneous stuff list on qrp-l. (Or rename it, I sure don't care). Those who desire can easily subscribe to BOTH lists while those whose interest lies primarily in one area or the other can subscribe to the appropriate list and enjoy a markedly reduced traffic level with an increased "signal-to-noise" ratio. (One person's noise can be another's signal and vice versa - ask radio astronomers!). Of course, that partly depends on people NOT "cross-posting" to both lists unless truly of interest to both communities, but given the high intelligence of QRP-ers [:-)] this ought not to be as difficult a problem as it seems to be for many on USENET.

BTW, splitting newsgroups into subgroups is THE standard way of handling volume issues on USENET so it ought to work here. (A few years ago, there was only rec.ham-radio, not rec.radio.amateur.<specialty>, for example).

What do you think????

72!

--

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member of: ARRL, IMRA, NorCal QRP, G-QRP (#8468), IEEE Computer Society
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal

From owner-qrp-l@netcom.com Wed Dec 21 05:43:11 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412210724.AA28658@Cybernetics.NET>
Subject: ABout last night....
Date: Wed, 21 Dec 1994 02:24:11 -0500 (EST)

The FOX hunt as it looked in Raleigh, NC:

Heard KA7ULD immediately on 7.120.

...and WB6HQK was 300 cycles higher talking to someone, saying how KA7ULD was supposed to show up... :^) They're probably on opposite sides of a mountain in common.

W1HUE asked me if I could hear KA7ULD...while KA7ULD was CQ'ing under him.

So up around 7.120 I *heard* these stations trying for the FOX and crowding me out:

KA7ULD	229->359	around 23:10
KK6MC/5	339	
NA5K	559	
WB6HQK	579	
W1HUE	559	
KC5EQC	559	around 23:34

And then I shifted to the 7.040 vicinity to play QRP and wait for a better chance to get the FOX.

At 23:45 I QSO'd K5FO running his notorious 0.9 watts...to a new, very low long wire...sounded great all evening, Chuck! When I turned it down from 4.5 W to 1 W, he couldn't tell the difference.

Then I QSO'd NA5K Smitty nr Dallas (new kid on the block...so he says)... followed by a QSO with WD5GLO Louis in OK, running 5 watts and pushing my S-meter as high as S-8...and apparently I peaked about the same on his end.

At 00:16 a QRO 40 M beam burned out the front end of my TS-430-S... courtesy of KF5CV who rotated it around to give my peanut whistle the once over...and agreed that he couldn't really tell the difference after I turned it down to 1 watt.

At 00:38 I called KA7ULD in the midst of a pileup on him...and he shocked me when he answered! And shocked me farther when he gave me a 219!! For his 559. But he was serious...'cuz while his signal was very good, it was clear that he wasn't hearing all of the people answering his CQ...when he'd call CQ again and again. :^)

So around 7.040 I heard:

K5FO	559
NA5K	539
WD5GLO	589

AA7AR/6 557 at 00:37
K6QQ 559 at 00:45
KE4PCK 539 at 00:50
KK6MC 539 at 00:53
K5UP 579 at 00:53
KA7ULD 539 at 00:56 with many calling him still...

and then it all slid under the frying-eggs sound that overcame
that part of 40. K5FO was still working stations I couldn't hear..
and finally, he slipped under the frying-eggs awhile after the hour.

It was a good session, Folks. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-1@netcom.com Wed Dec 21 12:12:36 1994
Date: Wed, 21 Dec 94 08:20:46 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9412211420.AA29514@collie.aud.alcatel.com>
Subject: Re: ABout last night....

[snip]

> So around 7.040 I heard:
>
> K5FO 559
> NA5K 539

Heard him... 559 here and loud... wonder where near Dallas he is? I'm near
Dallas!

> WD5GLO 589
> AA7AR/6 557 at 00:37
> K6QQ 559 at 00:45
> KE4PCK 539 at 00:50

That's KE4PC K sorry if I ran them together and glad someone heard me!

> KK6MC 539 at 00:53
> K5UP 579 at 00:53
> KA7ULD 539 at 00:56 with many calling him still...
>

[snip]

> It was a good session, Folks. :^)

> --

> 73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

>
I heard you in there, too, Steve... But decided to try for the fox instead
of hollering at ya'... At best he was a 339, worst I could barely pull him
out... and it did seem like a whole lot more of us were hearing him than he
could hear. Oh well... he did say he had a noisy location B-)...
Mike KE4PC

From owner-qrp-1@netcom.com Wed Dec 21 18:43:43 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412211852.AA08879@Cybernetics.NET>
Subject: Re: ABout last night....
Date: Wed, 21 Dec 1994 13:52:34 -0500 (EST)

> ...
> > KE4PCK 539 at 00:50
>
> That's KE4PC K sorry if I ran them together and glad someone heard me!
> ...

Ooops! And it's right there on the cribsheet! I should have known better.

> I heard you in there, too, Steve... But decided to try for the fox instead
> of hollering at ya'...
>...
> Mike KE4PC
>

That's OK. The fox was being heard by a lot of people and the hounds
were going nuts trying to get him.

Next time.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-1@netcom.com Wed Dec 21 21:00:40 1994
From: Dave Munroe <dmunroe@hvpclmun.vcd.hp.com>
Message-Id: <9412212234.AA12275@hvpclmun.vcd.hp.com>
Subject: Re: ABout last night....
Date: Wed, 21 Dec 94 14:34:09 PST

> ...and WB6HQK was 300 cycles higher talking to someone, saying
> how KA7ULD was supposed to show up... :^) They're probably
> on opposite sides of a mountain in common.

I wasn't able to listen for too long last night and, to make things worse,
my chosen location was extremely high in QRM.

However, WB6HQQ, wherever he is, came in with an excellent 599 signal. Outstanding for QRP. BTW, I'm in Portland, Oregon.

-Dave KC7GQQ

From owner-qrp-1@netcom.com Wed Dec 21 16:13:03 1994
Date: Wed, 21 Dec 1994 10:47:56 -0500
From: Scott Cranston <cranston@zk3.dec.com>
Message-Id: <9412211547.AA11534@alpha.zk3.dec.com>
Subject: Al's Circuit Simulator

Awhile ago there was some discussion about circuit simulators, sparked by, I think, the ARRL product.

Al's Circuit Simulator (ACS) is a freebe that may be of interest. Attached is a brief description. You can ftp it from:

```
cs.rit.edu:pub/acs
    /acs016.tar.gz
    acs016-sun.gz
    acs016-sgi.gz
    dostools.exe
    acs016-next.gz
    acs016.README
    acs016-msdos.zip
    acs016-linux.gz
```

ACS is a general purpose circuit simulator. It performs nonlinear dc and transient analyses, fourier analysis, and ac analysis linearized at an operating point. It is fully interactive and command driven. It can also be run in batch mode or as a server. The output is produced as it simulates. Spice compatible models for the MOSFET (level 1 and 2) and diode are included in this release.

This vrsion (0.16) adds current controlled elements and mutual inductance. There are a few bug fixes.

Since it is fully interactive, it is possible to make changes and re-simulate quickly. The interactive design makes it well suited to the typical iterative design process used in optimizing a circuit design. It is also well suited to undergraduate teaching where

Spice in batch mode can be quite intimidating. This version, while still officially in beta test, should be stable enough for basic undergraduate teaching and courses in MOS design, but not for bipolar design.

In batch mode it is mostly Spice compatible, so it is often possible to use the same file for both ACS and Spice.

The analog simulation is based on traditional nodal analysis with iteration by Newton's method and LU decomposition. An event queue and incremental matrix update speed up the solution for large circuits.

It also has digital devices for mixed signal simulation. The digital devices may be implemented as either analog subcircuits or as true digital models. The simulator will automatically determine which to use. Networks of digital devices are simulated as digital, with no conversions to analog between gates. This results in digital circuits being simulated faster than on a typical analog simulator, even with behavioral models. The digital mode is experimental and needs work. There will be substantial improvements in future releases.

ACS also has a simple behavioral modeling language that allows simple behavioral descriptions of most components including capacitors and inductors. Unfortunately, it is not well documented.

ACS uses an object oriented approach to modeling. Complex models like MOSFETS are made of simpler ones like resistors, capacitors, diodes, and any other models that may already exist. The model designer does not need to worry about details like convergence checking, bypass checking, integration, or how the new device plugs into the solution matrix because these are already taken care of by the basic models. This results in a dramatic improvement in the time it takes a researcher or model designer to install a new model, compared to Spice.

The source and documentation can be obtained by anonymous ftp from ee.rochester.edu or cs.rit.edu in /pub/acs. It can also be obtained by dial-up (USA) 716-272-1645 in /pub/acs. It may be distributed under the terms of the GNU general public license. The dial-up also has some test circuits, pre-compiled executables for Next, Sun4, MSDOS and possibly others, and documentation in dvi and postscript.

If you are tired of Spice and want a second opinion, you want to play with the circuit and want a simulator that is interactive, or you want to study the source code and want something easier to

follow than Spice, try ACS.

ACS is an ongoing research project. It is being released in a preliminary phase in hopes that it will be useful and that others will use it as a thrust or base for their research. I also hope for some comments that may help me direct my research.

Albert Davis, 136 Doncaster Rd., Rochester, NY 14623.
email: al@atd.rochester.ny.us, atd@cs.rit.edu, or davis@ee.rochester.edu
fax: 716-272-1645

From owner-qrp-1@netcom.com Wed Dec 21 16:19:18 1994
Message-Id: <9412211546.AA08183@garnet.inel.gov>
Date: Wed, 21 Dec 1994 08:46:57 -0700
From: LVE1@inel.gov (Larry East)
Subject: Another Snipe Hunt...

In great anticipation of pouncing on the Fox, started tuning around 40m last night at about 0350; noise levels low, but so were signal levels. Only loud signals heard were in a "feeding frenzy" around 7015 trying to bag a CE8.

0405 -- Tuned up to 7120; weak wobbly carrier on the frequency. Tuned around looking for the fox. Heard AB4EL and N40LN just above the noise, but no fox.

0434 -- About to give up when heard 'em on 7120.8 calling CQ but very weak. Called - he went back to a 4; didn't hear him again.

0445 -- The sly little devil moved to 7117.4! Still weak; called a couple of times and then lost him. Heard N40LN near the frequency in a QSO with someone.

0452 -- Heard WH6PM calling CQ on 7118.6; called but no response.

0455 -- Moved up to 7121 and called CQ a few times. No luck.

0505 -- Moved down to 7040 looking for the Fox. Never heard him, but did hear the infamous "K" station (very weak) at about 7039.

0510 -- Gave up and went up stairs to watch TV. Will be back after Jan. 1 to try again.

Bah Humbug and a Rotten New Year to all!

->FOIA Exemption 5B, Draft Predecisional Information<-
(Which means: "Any opinions expressed herein are
my own and probably do not agree with those of

my employer, the U.S. Government or my spouse".)

--... ..--

Larry V. East (W1HUE)
Idaho National Engineering Laboratory
e-mail: LVE1@garnet.inel.gov
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FAX: (208) 533-4207

From owner-qrp-l@netcom.com Wed Dec 21 16:18:50 1994
Date: Wed, 21 Dec 94 10:14:21 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412211614.AA02929@chuck.dallas.sgi.com>
Subject: Antennas

Gang,

Something that I did and didn't announce until on the air last night, at least I don't remember doing this on the mail list, was a change in antenna.

Sunday, being a sunny day in Dallas, I went out, looked up at the 20 ft pole on the chimney with the WD4BUM antenna with two radials and decided to take it down. Wasn't exactly a spontaneous decision as it was in the back of my mind for a few weeks anyway.

So, out comes the ladder, up on the rooftop and in 10 minutes had it completely disassembled and in the garage.

I had some antenna wire left over from the dipole from QRP-afield in September so got it. The secret ingredient was the 300 ohm ladder line that I had in a roll in a bottom drawer.

I used one of the quarter wave radials on the ground side and a random length of the stranded copper wire about #12 size and put it up about 12 ft in the center and up to 20 ft at the end. I'd guess the length to be about 60 ft or more, but don't quote me on that. Fed the 300 ohm ladder line through the wall just under the eave of the house into the shack. Drill required here, but spackling compound will later hide the entry point. :-)

The antenna does touch some trees at the end. I know that someone said don't do this, but hey, you gotta work with what you got. An antenna in the air is worth more than one in the mind. :-) Heavy thought processes at work here. In years and years of hamming, I've worked with antennas made of #30 wire stapled along the eave of an

apartment complex and worked from central texas to north dakota with Int. Xtal OX Osc barefoot, about 250mW on 40M. Kurt S. is right. Get a tuner and load up the gutters, lawn chairs, umbrellas, or whatever, but do try it out.

I am a firm believer in ladder line, random wire, and a tuner. I use the MFJ-941C, which has a builtin SWR bridge which is useless at QRP levels. That's why the OHR WM-1 is inline all the time.

Last night I was at 0.95W out as read with the calibrated OHR WM-1. Maybe slightly lower. SWR was 1.04:1, as low as I can get it and obviously I'm getting out. Calibration done with 60MHz Phillips dual trace scope, 1GHz dummy load at 50.00 ohms.

The Explorer worked great. I did discover that the 4-pole filter is too wide. I can copy SSB signals with very little problem. Other than that it is a great little rig and the receiver really seems to be sensitive. The audio tapered pot has me running it at greater than 1/2 open to drive Yaesu YH-77 headphones. I got into discussion with Dick at OHR this morning about headphone impedances. As measured with DC Ohmmeter, will 8 ohm headphones read 8 ohms? I hadn't tried it, but Dick says that he has and that is what he gets. Makes sense at audio freqs since $2\pi fL$ reactance component will be very low. I'm going to measure everything that I have when I get home.

Here is the list of who's who that I worked last night:

			his	mine	
N6BDU	John	Ridgecrest,CA	579	469	
AB4EL	Steve	Raleigh,NC	569	559	
(KA7ULD heard and called)					
KA8KGY	Bob	Allen Park,MI	599	579	
WB8ZJL	Paul	Detroit,MI	559	459	
N9DD	Tom	South Bend,IN	449	449	
KF8EE	Ted	Loveland,OH	449	???	(clobbered by QRM es QSB)
K3CJQ	Ed	Laurel,MD	559	449	
(KA7ULD heard and called)					
N4AOX	Clay	Alcoa,TN	559C	559	
KA3WTF	Fran	Larksville,PA	339	449	
WW7Y	Steve	Centerville,UT	559	569	
NA5K	Smitty	McKinney,TX	559	559	(this is 30 miles or so)
VE3DNL	Glenn	Hamilton,ON	579	579	
WA1U	Geoff	Hamden,CT	559	429	(his NorCal 40)
N6ULU	Stan	Watsonville,CA	569	569	(his NorCal 40)

Note: I worked coast-to-coast back-to-back with NorCal 40's back-to-back. Figure the odds on that gang!! :-) ;-)

This QRP stuff is great. Last night was light gathering at the water hole at twilight. It WAS crowded. And the total power used by the entire group wouldn't light the filaments in a 4-1000A final tube. :-)

73 es Happy Holidays to You and Yours during this Joyous Season. Have a safe trip if you travel and we want you back here next year.

P.S. I plan on dragging out the J-38, which I haven't touched in centuries for SKN Dec 31. Let's see the QRPers out there kicking butt. :-) I promise to practice before I get on the air. You WILL know that I am on the straight key pounding brass.

Let's send in all our comments to QST and our scores. They'll think it's a conspiracy. :-)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Dec 21 04:58:04 1994
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199412210613.BAA18058@abersoch.sw.stratus.com>
Subject: couldn't find the fox again
Date: Wed, 21 Dec 1994 01:13:47 -0500 (EST)

Well again this week I wasn't able to hear the fox. This time I did hear several of the hunters calling him. At 04:30 and again at 05:49 I could hear NA5K calling him and later I found K5UP calling with a real strong signal. I didn't stay because I was still trying to see if I could hear the fox somewhere. I'll have to wait and see if NV will work better next week.

Bill

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	northup@sw.stratus.com
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752	QRP-NE #307	

From owner-qrp-1@netcom.com Wed Dec 21 21:27:39 1994

From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412220037.AA08660@Cybernetics.NET>
Subject: Dealing with noise...
Date: Wed, 21 Dec 1994 19:37:49 -0500 (EST)

>
> I heard the Fox loud and clear last night. It seemed like Mark was having a
> problem receiving as he would call CQ, many stations would reply, and Mark
> would call CQ again! Later, in QSO with AA7AR, Mark mentioned a s5 noise
> level.
> ...
> ... Having lived in Urban LA for a while I
> understand the line noise problems. The band was quiet here going from S5
> at sundown to S1 at when Mark faded out. Nice to kive in the country [NM].
>
> Jim KK6MC

This is something bugging a lot of people. Some methods I use to overcome
local noise interference when on 40 and 80 are :

- 1) kick in the 20 db attenuator...and open the AF gain. This is
fairly effective for thunderstorms and strong nearby SSB stations.

or

- 2) if your radio doesn't have an attenuator (like my TenTec
Triton IV), then increase AF gain until you hear the Nyquist
noise of the AF amp stage and then cut back the RF gain alot..

or

- 3) But rasping S9 static responds best to switching to your 20
dipole on receive (AF gain at 3/4)...some receivers have a
second port for that and a mode switch. Oh yes, signals go
way down...but NOISE goes down much more. Copying any signal
is a matter of signal-to-noise ratio..along as it is audible.
On a dead silent band, a 519 signal is *easy* to copy...
on 40, a nearby BC station might cause you to give a 399 to
a S9+20 SSB signal. How's that? 'Cuz that BC station might
be 50 db over S9.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Wed Dec 21 11:59:20 1994
Date: Wed, 21 Dec 94 08:03:03 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)

Message-Id: <9412211403.AA29504@collie.aud.alcatel.com>
Subject: Fox Hunt

Well, I heard the fox... but he didn't hear me! That's a first for me since I'd never heard one before! Maybe next time I'll catch the fox...
Mike KE4PC

From owner-qrp-l@netcom.com Wed Dec 21 15:04:07 1994
Date: Wed, 21 Dec 1994 08:13:44 -0800 (PST)
From: "Henry B. Smith" <hbs@crl.com>
Subject: Fox Hunt Fun Time
Message-Id: <Pine.SUN.3.91.941221075935.20013A@crl2.crl.com>

After monitoring this list for about 2 weeks I decided to join in on the fox hunt. So after I got back from the annual Ham Club Christmas Party I cranked the TS-430 down to 4-5 watts and listened on 7.12. There he was calling CQ NET FOX, or something like that. I managed to work him. My thanks to KA7ULD.

Later on, I went down to 7.040 and not only heard the fox but worked a few qrp-l folks (BTW, what is morse for the dash?).

It was great fun, I really enjoyed it. This was the first time that I have done QRP (if you can call a cranked down TS-430 QRP)

So now I am wondering, should I get a real QRP rig or not?

How are the receivers on these little QRP rigs? Are they as sensitive as the commercial rigs, or perhaps better?

What about noise blankers? Can one live without one?

I noticed practically no drift on the stations that I heard last night. Are all of the QRP kits this good or is there a subset of kits that are better than others?

How about using one of the rigs in the car? Will the ignition noise make receiving difficult? I work a lot of mobile CW.

Questions, questions, questions...

CUL,

Smitty, NA5K

hbs@crl.com

From owner-qrp-1@netcom.com Wed Dec 21 18:28:51 1994
Date: Wed, 21 Dec 94 15:03:12 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412212103.AA03226@chuck.dallas.sgi.com>
Subject: Re: Fox Hunt Fun Time

Smitty,

Good to work you last night.

1. Working 5W or less with any rig is QRP.
2. Glad you enjoyed it and welcome to the club. Once you get hooked you're a QRPer.
3. Some of the rigs are sensitive, some are not. We just don't have the specs on each rig published like the commercial.
4. I've lived without a noise blanker. Have one on the TenTec and they do the job, but with noise blanker on I find that strong signals near the listening frequency can be decoded by me and are a distraction. I never run the NB on any rig unless I am just forced to.
5. You'll find that the QRP operators are very sensitive to drift and the rigs that we use will last, i.e. the kit manufacturer will stay in business as long as they maintain a high quality and standard. To do otherwise will cause much email and article writers to have a field day.
6. I've used QRP mobile and ignition noise hasn't been a problem in Dodge vehicles.

Ask all the questions you want. That's the purpose of this group.

See you again and for being 30 miles away I could hear you very well last night.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Dec 21 20:50:06 1994
Date: Wed, 21 Dec 94 15:58:29 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <9412212158.AA03412@chuck.dallas.sgi.com>
Subject: Fox Rules Repost

Gang,

Many are new to the list. Here is what is going on with the "Fox Hunt". I posted the following in Oct of this year. You can still participate. Just remember that you have a definite handicap due to the previous 12 weeks or so that we have been playing, but the more the merrier.

Enjoy.

-----Start of Original Posting-----

Date: Sun, 2 Oct 94 20:29:00 -0500
>From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: The FOX is loose

Gang,

...stuff deleted...

The Fox will come on with CQ CQ FOX HUNT de CALL CALL K. or their variation of same. Then they will be attacked by the hoards of screaming QRPers. :-)

I will repost the sched every week to remind you, so you don't have to save it, or if you do, remember we may run in another station if something comes up. Stay tuned here.

WARNING: Times and dates are in UTC, so for 0000Z, it's the day before here in the USofA. 40M chosen due to proliferation of rigs on that band, nitetime conditions during the winter months, etc.

Two NE QRP kits at risk here, one for hunters and one for the huntee. The final rank is sole determentation of the judge, K5F0. These stations will get on the air for two hours and work as many guys/gals as possible, then report their log here on the net. Try for short exchanges, we're all in line to work these critters. Then hang around afterward to get the others. In fact, after you work the station for the week, move up or down 5KHz or above to first free freq and work the rest of the internet club. As this is a QRP group, I think

that both stations should be QRP, but then there may be some nights where you need to crank up to 10W, but here I don't want to set any rules. Honor system in effect. Tell FOX what you are running and he will tell you also.

I have sent NN1G MO for the two kits, to which he will hold on to. He will ship them to the winners, once we determine who they are and whether they want the 40-40 or 30-40 (40M and 30M respectively).

We tried to get some time in for the novices. Run at your CW speed and the fox will match it.

....schedule and list deleted....

-----End of Original Posting-----

Hope this is clear. I tried at the time to make the rules simple and straight forward. As soon as Mark posts his log, I'll update the standings and post to the mailer.

Remember gang, this is not a serious contest like CQ WW and everyone just enjoy. Don't get up tight. It's cheaper just to go and buy the kits, if you figure out your time and the cost of a kit at this time. :-)

What are you learning about ham radio from this exercise as a QRPer?

1. Power out at QRP levels is the same.
2. Antennas make a difference
3. Receivers make a difference
4. Line noise sucks
5. Code speed means nothing
6. QRPers are a great bunch to work with
7. Propagation is everything

and you can add your stuff.

Please do not repost to this group. Please.

Toward the end of this game I hope we don't generate too much QRM. :-) Or vice versa.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Dec 21 17:27:07 1994
Date: Wed, 21 Dec 1994 13:22:13 EST
From: RTRC25A@prodigy.com (MR PRESTON J DOUGLAS)
Message-Id: <013.02387452.RTRC25A@prodigy.com>
Subject: Fox?

-- [From: Preston Douglas * EMC.Ver #2.10P] --

Fox? I don't hear any fox.
(Two weeks in a row)
(And you can't work 'em if you can't hear 'em.)
WJ2V, Long Island (until NN1G built, listening with Yaesu 757 cranked
down to 5w - as if I had anything to transmit to!)

From owner-qrp-1@netcom.com Wed Dec 21 18:24:20 1994
Date: Wed, 21 Dec 1994 11:18:53 +0700
Message-Id: <9412211818.AA07623@ringworld.upl.com>
From: kub@upl.com (Steve Kubisch)
Subject: Foxhunt?? Found "K" Beacon

Hello everyone,

Skip was definitely longer than the distance between SLC and Sunnyvale last
nite. I heard people
working the Fox but not a peep out of him.

About 5:30 UTC got the "K" beacon on about 7.039 real strong. All the
signals coming in were 4's
and 5's, nothing from the west coast, even a Cuba station rather strong.
I'll bet the "K" is Gulf coast
of US or Mexico or Caribbean. Worked Chuck about 05:50, RST 569, great
for QRP. I was on the
Sierra and a 40 Meter Delta Loop, vertically polarized.

When the FOX is in CA and we start earlier I can usually get him. Then the
band gets long and he's
gone East. Maybe next week!!

73

Steve -WW7Y-

From owner-qrp-1@netcom.com Wed Dec 21 03:13:35 1994

Date: Tue, 20 Dec 1994 22:57:53 +0000
From: Michael Marmor <mmarmor@pluto.njcc.com>
Subject: Help using mail "filter" in UNIX
Message-Id: <Pine.3.89.9412202237.A737-0100000@pluto.njcc.com>

One of you on the list mailed me some terrific instructions on how to use the unix "filter" command. I did a really dumb thing and erased the message by accident. I'm sorry I don't even know your name, but if you still have the message in an easily mailed form I would love to have it mailed to me again.

To the rest of the gang:
How do you manage the tremendous volume of mail that this list generates? I am using ELM on a dial up unix system but also have access to PINE and a few other mail programs. I do NOT have a SLIP/PPP connection (\$\$\$) so I may be limited in ways that I can manage my mail.

I asked the sysop of my internet service provider what he though was the best way to manage a lot of mail. He recommended the unix PROC command. I tried to learn about this command (and the filter command) by reading the online unix manual..... thats the last time I'll ever try to learn anything from the unix manual: YUK!!

73
Michael, AA2UJ
mmarmor@pluto.njcc.com

From owner-qrp-1@netcom.com Wed Dec 21 16:16:58 1994
Date: Wed, 21 Dec 1994 14:13:05 -0500 (EST)
From: James Prentice WA2MZF <PRENTICE@scanva.canton.edu>
Subject: HW 8 repeats pse.
Message-Id: <01HKWPA3HSYA000ZZZ@scanva.canton.edu>

Hi all. The last several days nothing has been forwarded to me from qrp-1 " reason was that our site had something wrong " to the point. I was told that someone posted info on the hw8 tuning cap problem of which I still have. Word was that two messages appeared. Wonder if someone could resend those messages. Tks es 73

From owner-qrp-1@netcom.com Wed Dec 21 15:49:57 1994
Message-Id: <ab1df6a900021004ea81@[192.31.66.238]>
Date: Wed, 21 Dec 1994 08:27:57 -0700
From: ji3m@scubed.scubed.com (James R. Duffey)

Subject: I Missed the FOX!!

I heard the Fox loud and clear last night. It seemed like Mark was having a problem receiving as he would call CQ, many stations would reply, and Mark would call CQ again! Later, in QSO with AA7AR, Mark mentioned a S5 noise level.

I left my E-Mail printouts at work and didn't remember whether Mark would be on 7040 first or 7120 so I switched back and forth. Found him 579-599 at 0401 in QSO with WB4OWL. When he signed I called along with what 100 others. I proceeded to try until about 0424 when I could no longer copy him. During that time he went from 599 to 339. I picked him up again at 0521 on 7041 in QSO with AA7AR. Heard Mark refer to living close to the Brass Rail in Sunnyvale. The Brass Rail is an infamous landmark in Sunnyvale often visited by those who have to go to Lockheed for business. I heard Mark at 559 or so, but he still appeared to be having receive problems as many of us would answer his CQs and then hear him call CQ again. I also heard AB5EL and NA5K, both of whom worked him I think. Mark faded out here at about 0535 or so. Having lived in Urban LA for a while I understand the line noise problems. The band was quiet here going from S5 at sundown to S1 at when Mark faded out. Nice to live in the country.

I had a quick QSO with WB8ZJL on 7040 while waiting for the fox. Next time I'll move off a bit. Sorry if I screwed up anybody's chance with the FOX.

I'll get him next week!!!

Jim KK6MC

James R. Duffey ((505) 764-3143)
Maxwell Laboratories, S-Cubed Division
2501 Yale Blvd SE Suite 2501
Albuquerque, NM 87106-4125

From owner-qrp-l@netcom.com Wed Dec 21 18:07:52 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412211828.AA06869@Cybernetics.NET>
Subject: Re: I-Netters Cribsheet
Date: Wed, 21 Dec 1994 13:28:45 -0500 (EST)

> Steve,

>

> I was wondering what it takes to become a part of the I-Netters system
> and/or Cribsheet. I would really like to get into QRP a bit more than
> I have in the past. I participated in last night's Foxhunt and enjoyed
> it. I heard others calling CQ INETT and was wondering if I have to be

> on the list before I could participate? Could you help me out with more
> details. Would appreciate it. Happy Holidays.
>
> 73's es Adios!
>
> Andrew Hair - AB5WB
> El Paso, Texas

I may have heard you....recall copying part of a QSO where "name is andrew"...

I Cc'c K5F0..because of yours and another email, I'll let him tell the story about Fox Hunting.

Do you have to be on the Cribsheet to participate? Nope! I will put you on the cribsheet...for informational purposes only. :^)

The purpose of the cribsheet is to aid recognition of others from Inet... for example, K5F0 couldn't crank his rig up to 7.210 last night. So for the first hour, he hung around working everyone in sight. I came down to 7.040 early and was looking for others from Inet QRP-L. With my handy cribsheet next to the log, I could tell who-was-who. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Wed Dec 21 14:18:06 1994
Date: Wed, 21 Dec 94 09:00:38 MST
Message-Id: <9412211600.AA03385@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: Last Night's Hunt

To all:

Last night was my first attempt at the 40m Foxhunt--really enjoyed it and worked the Fox as well. I made contact around 4:05 UTC with KA7ULD. He gave me a signal report of 239 and his was 459 with heavy QSB. In fact, I lost him before finishing the QSO. I was running about 3 watts from my Yaesu FT-757GXII into an inverted vee up 23 feet with broadside orientation N/S. I worked him again at 4:40 with my signal report being 349 and his 459. I cranked the rig up to a whopping 5 watts. Here's a list of the others I heard until I called it an evening around 5:30:

NA5K	349	4:27 UTC	7.120
K06CL	339	4:50 UTC	7.117
VE6GK	349	5:08 UTC	7.041
AA7AR	349	5:25 UTC	7.041

I did notice that Mark's signal improved to a 559 at my shack around 5:30. I tried a couple of times to answer K06CL's CQs but was unsuccessful. It was fun--look forward to next week.

73's es ADIOS!

Andrew Hair - AB5WB
El Paso, Texas

--

From owner-qrp-l@netcom.com Wed Dec 21 16:22:44 1994
From: PB13128@deere.com
Message-Id: <DACDXX21.PB13128.682923100094355FDACDXX21@TCP30.DX.DEERE.COM>
Date: 21 Dec 1994 10:23:10 GMT
Subject: NOTE 12/21/94 10:23:26

Subject: Distance measuring

Have been watching the comments about distance calculation and direction with a bit of amusement.

You might take a look at what the VHF community uses--the Maidenhead Grid Square system. Maps are readily available, and cheap, that show the grid layout for the entire world. Also there is a program on the ARRL board called BD that will calculate Bearings and Distance with either grid square or latitude/longitude input. Also the full grid square indicator will let you measure within 1/2 mile. Suggest that those really serious about the watt per mile records learn their grid square and ask the other station to do the same.

Just a nickel's worth on a midwest winter's day--50 degrees and sunny in the heartland!

Enjoy the holidays,

Pete, NN9K
pb13128@deere.com

From owner-qrp-l@netcom.com Wed Dec 21 19:36:25 1994
From: PB13128@deere.com
Message-Id: <DACDXX21.PB13128.780217160094355FDACDXX21@TCP30.DX.DEERE.COM>
Date: 21 Dec 1994 16:17:16 GMT
Subject: NOTE 12/21/94 16:17:02

Subject: 160 meter needs

Finally sat down and looked at my QRP state total for 160 meters. Down to needing three, AK, HI and ME. Anyone in those three states interested in running some QRP skeds?

Please reply to me directly NOT via qrp-l.

Thanks,

Pete, NN9K
pb13128@deere.com

From owner-qrp-l@netcom.com Wed Dec 21 16:42:27 1994
Date: Wed, 21 Dec 1994 14:25:11 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: OUT-Foxed
Message-Id: <Pine.3.89.9412211442.C2704-0100000@saturn.acs.oakland.edu>

I never heard the fox up here in the great white (green) north. I did work Chuck K5FO and Jim KK6MC. Working Chuck was an honor as he is the sparkplug behind the fox hunt!

I was on the Argonaut 515 for the QS0s.

73 =paul= wb8zjl

From owner-qrp-l@netcom.com Wed Dec 21 02:44:01 1994
Message-Id: <199412210320.TAA05325@scruc.net>
Subject: portable in other countries
Date: Tue, 20 Dec 94 19:18:08 PST
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

>All you people in the US should be pressing for the USA to join CEPT,
>which is the French abbreviation for the European agreement on licence
>acceptability.
>It now includes non-European countries such as New Zealand.

>This would mean that you would automatically have reciprocal privileges
>when visiting countries, WITHOUT ANY PAPERWORK WHATSOEVER. For example,
>I can take my radio to essentially anywhere in Europe and just operate,
>signing DL/GM0RWU or whatever. This is really convenient both for you
>and for visitors to your own country.

>You can perhaps push for this through the ARRL, or you friendly local
>congresspersons.

>73 de Jack gm0rwu

.

Spoke to Jim Maxwell, W6CF Vice director, Pacific region of the ARRL
about this and he says the ARRL has been trying to get the FCC to ok
this for a few years now. Mr Maxwell says it almost went through once,
but was pulled at the last minute.

It appears it will happen someday. kyfc.

--

72.5 (almost a full qrp convert)
Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Wed Dec 21 18:29:57 1994
Message-Id: <199412212051.MAA15677@scruc.net>

Subject: QRP "V", "K" and "F" Beacons....
Date: Wed, 21 Dec 94 12:51:15 PST
From: Eric Swartz WA6HHQ <erics@cruzio.com>

Well, I went trolling for the fox last night and ended up catching all three of the mysterious 'QRP FREQ' beacons on 7.039.5

I did hear the fox very weakly, but I was too close - just over the Santa Cruz mountains from him here on the coast. Also heard AB4EL and a cast of thousands as they called the fox.

This is the first time that I could hear all three of these mysterious beacons at once. They were all sending at offset times, 'V' then 'F' and then 'K'. Anyone else hear all three?

72,

Eric WA6HHQ erics@cruzio.com

--

From owner-qrp-l@netcom.com Wed Dec 21 18:21:32 1994
From: Byron8LCZ@aol.com
Date: Wed, 21 Dec 1994 12:48:56 -0500
Message-Id: <941221111152_3753776@aol.com>
Subject: QRP INFO

RG-174 coax:

Did you realize that RG-174 has 72 % losses (5.5 db) in 100 ft of coax. If your transmitter puts out 5 watts of RF, only 1.4 watts will reach the antenna. Even If you run 33 ft of coax, you're still losing an awful lot of RF. The difference between RG-174 and RG-8X isn't much in weight or size, (unless you're climbing Mt Everest) but the losses are very large. On top of that, there's the SWR losses, a 2:1 SWR means 11.2% losses. So with both together, your 5 watts are reduced to 0.85 watts output at the antenna. Ever measured the power actually reaching your antenna ?

QRP doesn't mean low efficiency it means "low power".

THE SOLAR CYCLE:

the 160m DX should be incredible during the next few years, from what I've seen.

The DX Packet Cluster is full of 80m and 160m DX contacts from Russia,

Europe,
S.America, Japan, Africa. its starts just after the sun goes down. You just have to figure out how to get a big antenna into a small space, put up with the noise and start on DXCC 160m or WAS 160m.

Todays conditions mean you have to have a flexible station capable of operating anywhere from 1.8 to 18 mhz. Taking advantage of always changing propagation and noise. I use a propagation prediction program called ION. its included with the ARRL Antenna Handbood 17th edition dated 1994. With the Solar Flux Number, available from WWV at 18 minutes past the hour, it will predict what frequencys will open and in what direction. Theres a lot of number crunching involved so a 486 with math co-processor is recommended. This program will show the North-South and the East-West paths, the rise and fall of the MUF (maximum usable freq) and other info necessary to get the most from the constantly changing conditions. Its easy to use and should be part of your daily routine when chasing countrys/states.

I wonder what other guides are useful for DX chasing with QRP ?

72, Byron

```
=====
Byron Johnson      WA8LCZ      Warren Michigan      Byron8LCZ@aol.com
ARCI, MI-QRP, G-QRP, NORTHWEST, NORCAL, CO-QRP, NEW ENG & MFJ  QRP CLUBS
=====
```

From owner-qrp-l@netcom.com Wed Dec 21 22:40:10 1994
Date: Wed, 21 Dec 1994 16:44:35 -0800 (PST)
From: Alan Kaul <kaul@netcom.com>
Subject: Re: QRP INFO
Message-Id: <Pine.3.89.9412211628.A21418-01000000@netcom>

As i recall coax attenuation is dependent on frequency. If you're coax is reducing your output power by 5-6 dB, then by going up in frequency will also increasse the rate of attenuation. However, going down in frequency will reduce the level of attenuation. RG-174 may be entirely suitable for a Lowfer (1750 Meters) but less so for 6 Meters!

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@netcom.com Wed Dec 21 02:53:21 1994
From: Byron8LCZ@aol.com
Date: Wed, 21 Dec 1994 00:56:20 -0500
Message-Id: <941221005619_3460004@aol.com>
Subject: QRP PLUS - update #2

the QRP PLUS:

1. Does NOT have a RS-232 serial interface.
2. Does NOT have any way to select which sideband you transmit on for SSB although this is being considered as a new feature in a future ROM upgrade Digital modes using the microphone connector should work. This is not covered in the manual, so don't quote me. there is a mic gain poteniometer on the back of the QRP+.
3. Does have the capability for seperate transmit and receive antennas, but only has one SO-239 coax jack. How do you connect the other antenna, beats me ! Has internal jumper for selecting single or dual antennas.
4. Has 20 memories for going to cw or ssb portion of each band, but is difficult to change, with its 60 khz per turn tuning rate. You could be all day going from 30 to 2 mhz. (thats 466 turns of the tuning knob). It needs a 1 Mhz per turn tuning rate. perhaps a future ROM upgrade ?
5. The receiver is a single conversion superhet with a 6 pole crystal filter in the I.F. & a digital SCAF filter in the audio. the bandpass is 2.4 khz
6. The built-in shortwave receiver uses the product detector for reception and
has a 2.4 khz bandwidth. So shortwave listening is difficult and not high quality. The SW receiver is not even listed on the sales literature as a feature. Its great for WWV time and solar flux index numbers. The only other QRP xcvr with a SW receiver is the Agronaut II at over 1200 dollars.
7. The schematics for all five of the printed circuit boards are included in the manual, but are so small that they're not practical for adding modifications.

```
=====
Byron Johnson      WA8LCZ      Warren Michigan      Byron8LCZ@aol.com
MEMBER:  ARCI, MICH, G-QRP, NORTHWEST, NORCAL, CO, NEW ENG & MFJ  QRP CLUBS
=====
```

```
From owner-qrp-l@netcom.com  Wed Dec 21 16:36:50 1994
From: JSPEER@sfasu.edu
Date: Wed, 21 Dec 1994 11:02:10 -0600 (CST)
Subject: Re: QRP PLUS - update #2
Message-Id: <Pine.3.89.9412211016.A232249-01000000@TITAN.SFASU.EDU>
```

Just to add my 2 cents worth, since I have a QRP+, which I love:

On Wed, 21 Dec 1994 Byron8LCZ@aol.com wrote:

- > the QRP PLUS:
- > 1. Does NOT have a RS-232 serial interface.

True, and a disadvantage for those who want to use automatic logging

programs, etc. But this IS a QRP rig.

- > 2. Does NOT have any way to select which sideband you transmit on for SSB
- > although this is being considered as a new feature in a future ROM upgrade
- > Digital modes using the microphone connector should work. This is not
- > covered in the manual, so don't quote me. there is a mic gain potentiometer
- > on the back of the QRP+.

I guess selectable sidebands might be useful for some folk. I don't need them. Haven't tried audio-derived digital yet, but can't see any reason why it shouldn't work. If I EVER finish my current big project, I'll build some gear and try it out.

- > 3. Does have the capability for separate transmit and receive antennas, but
- > only has one SO-239 coax jack. How do you connect the other antenna, beats
- > me ! Has internal jumper for selecting single or dual antennas.

Mine has a separate jack on the back panel for a separate receive antenna. It's not a BNC though, and easy to overlook (mine comes from before the SO-239 days).

- > 4. Has 20 memories for going to cw or ssb portion of each band, but is
- > difficult to change, with its 60 khz per turn tuning rate. You could be
- > all day going from 30 to 2 mhz. (thats 466 turns of the tuning knob). It
- > needs a 1 Mhz per turn tuning rate. perhaps a future ROM upgrade ?

I agree, although in practice once you set the memories its easy enough to band hop, and doesn't take long to get to the spot you want within a band.

- > 5. The receiver is a single conversion superhet with a 6 pole crystal filter
- > in the I.F. & a digital SCAF filter in the audio. the bandpass is 2.4 khz

Maybe it's just that I'm not very experienced with modern gear. A Collins 75s4 was the best receiver I'd previously used. But this RX strikes me as wonderful. It is rock-stable, it is NOT full of birdies, and that SCAF filter really is like a brick wall. It also has a good agc, though strong signals generate a somewhat annoying agc "thunk."

- > 6. The built-in shortwave receiver uses the product detector for reception
- > and
- > has a 2.4 khz bandwidth. So shortwave listening is difficult and not high
- > quality. The SW receiver is not even listed on the sales literature as
- > a feature. Its great for WWV time and solar flux index numbers. The only
- > other QRP xcvr with a SW receiver is the Agronaut II at over 1200 dollars

I can tune the BBC using the product detector on one sideband, and listen to it hour on end without retuning. Voice reception is adequate; music,

of course, sounds terrible.

> 7. The schematics for all five of the printed circuit boards are included in
> the manual, but are so small that they're not practical for adding
> modifications.

Yeah, but it wouldn't be much trouble to blow them up on a xerox machine.
At least they're all there.

>
> =====
> Byron Johnson WA8LCZ Warren Michigan Byron8LCZ@aol.com
> MEMBER: ARCI, MICH, G-QRP, NORTHWEST, NORCAL, CO, NEW ENG & MFJ QRP CLUBS
> =====
>
>
--

If RST > 519	Jim Speer, K5YUT
Then cut_power;	jspeer@sfasu.edu
ARRL	***G-QRP 8390***
	ARCI 8513

From owner-qrp-1@netcom.com Wed Dec 21 05:26:08 1994
From: Byron8LCZ@aol.com
Date: Wed, 21 Dec 1994 02:37:32 -0500
Message-Id: <941221023732_3541470@aol.com>
Subject: QRP PLUS update #2

the QRP PLUS:

1. Does NOT have a RS-232 serial interface.
2. Does NOT have any way to select which sideband you transmit on for SSB although this is being considered as a new feature in a future ROM upgrade
Digital modes using the microphone connector should work. This is not covered in the manual, so don't quote me. there is a mic gain potentiometer on the back of the QRP+.
3. Does have the capability for separate transmit and receive antennas, but only has one SO-239 coax jack. How do you connect the other antenna, beats me ! Has internal jumper for selecting single or dual antennas.
4. Has 20 memories for going to cw or ssb portion of each band, but is difficult to change, with its 60 khz per turn tuning rate. You could be all day going from 30 to 2 mhz. (thats 466 turns of the tuning knob). It needs a 1 Mhz per turn tuning rate. perhaps a future ROM upgrade ?
5. The receiver is a single conversion superhet with a 6 pole crystal filter in the I.F. & a digital SCAF filter in the audio. the bandpass is 2.4 khz
6. The built-in shortwave receiver uses the product detector for reception and
has a 2.4 khz bandwidth. So shortwave listening is difficult and not high quality. The SW receiver is not even listed on the sales literature as a feature. Its great for WWV time and solar flux index numbers. The only

- other QRP xcvr with a SW receiver is the Agronaut II at over 1200 dollars.
7. The schematics for all five of the printed circuit boards are included in the manual, but are so small that they're not practical for adding modifications.
 8. Draws 140 ma on receive. Draws between 1.0 and 1.5 amp on transmit with 5 watts output.

```
=====
Byron Johnson      WA8LCZ      Warren Michigan      Byron8LCZ@aol.com
ARCI, MI-QRP, G-QRP, NORTHWEST, NORCAL, CO-QRP, NEW ENG & MFJ  QRP CLUBS
=====
```

From owner-qrp-l@netcom.com Wed Dec 21 18:38:03 1994
From: jwp@chemical-eng.edinburgh.ac.uk
Date: Wed, 21 Dec 94 20:15:05 GMT
Message-Id: <2192.9412212015@aith.chemeng.ed.ac.uk.chemeng.ed.ac.uk>
Subject: Re: qrp Z-match, OOPS

Actually, no error after all! Chuck commented on the excessively stylised ascii circuit (the antenna coil IS meant to be coupled to the main coil, although it mightn't look that way!) and I suddenly wondered if I'd got the capacitors wrong, but they are OK.

If anyone's interested, there was a wideband Z-match design, originally from an Australian ham magazine I think, in the August 93 UK Radcom magazine (in the regular 'Technical Topics' article). This is supposed to cover right up to 80m with one coil and no switching. I haven't tried this and won't try to draw it here, but if you haven't got access to Radcom, mail me direct and I'll send you details.

73 de Jack gm0rww

From owner-qrp-l@netcom.com Wed Dec 21 03:08:18 1994
Date: Tue, 20 Dec 1994 21:13:46 -0800 (PST)
From: Stephen Lee <slee@u.washington.edu>
Subject: Re: RG174
Message-Id: <Pine.A32.3.91c.941220203640.36558A-100000@homer12.u.washington.edu>

There was/is a company that makes coax connectors for RG174.

Company name: Automatic Metal Products Corporation

Brooklyn, New York

The product line goes by the trade marked name of Wedge-Lock Coaxial Connectors, US Patent #3,107,135. They are very small bayonet mount connectors. The part number to fit RG174 is #6646. That's the female side which, in this particular case, is also the cable end.

Radar Electric, located in Seattle, Washington, has quite a few one-thousand foot rolls of RG174 for sale in their wire department. I bought one roll for \$9.00 last month. It's actually just a little heavier duty than standard RG174. Might be good material for making G5RVp antennas, hi hi.

Stay tuned,
Stephen Lee
KC7AVB/aa

From owner-qrp-l@netcom.com Wed Dec 21 13:44:24 1994
Date: Wed, 21 Dec 1994 08:35:51 -0500 (EST)
From: Craig LaBarge <cal@locke.ccil.org>
Subject: Re: RG174
Message-Id: <Pine.3.89.9412210834.F25651-0100000@locke.ccil.org>

On Tue, 20 Dec 1994 J_Custin@m1.cambrex.com wrote:

> Does anyone know where i can get PL259 connectors for this Lo Mein
> noodle coax? Most places I've inquired (Radio Shack, local
> electronics stores, etc) never heard of the stuff.

>

>

> John Custin, de WB2KQW

>

> reply to <camnet.masterpo.J Custin>

>

>

>

I use a shielded RCA phono plug and a PL-259 adapter on the dipoles I built for portable work. Works like a champ.

73, Craig WB3GCK

From owner-qrp-l@netcom.com Wed Dec 21 18:29:41 1994
From: jwp@chemical-eng.edinburgh.ac.uk
Date: Wed, 21 Dec 94 20:18:37 GMT
Message-Id: <2196.9412212018@aith.chemeng.ed.ac.uk.chemeng.ed.ac.uk>
Subject: Re: SSB QRP FOX schedule -- Thur 22 Dec Eastern Standard Time

Steve,

I will try both the 8pm and the 8:15pm sessions on 80m, we can use up to 3.800 in Europe, so these frequencies are OK.

I'll listen on 40m, on the first 15mins if I can stay awake (it being nearly 2am over here!) and if I hear anyone, I'll call on 7058, but don't hold your breath...

Could be interesting, I've never really tried transatlantic ssb on these bands.

73 de Jack gm0rwu

From owner-qrp-1@netcom.com Wed Dec 21 16:17:53 1994
Date: Wed, 21 Dec 94 09:06:01 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412211506.AA02781@chuck.dallas.sgi.com>
Subject: Re: SSB QRP FOXes...split freqs

Steve et al,

I will be there with microphone in hand!! Just to show you that my mind is at work here and I will not be on CW. This will be the first time in 30 years that I have worked SSB from the home QTH. I have done SSB on 10M with the Uniden during 10M openings.

Very very rare occurrence and to show you that I am not anti-SSB.
:-) :-)

-over- (SSB talk)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Dec 21 22:25:24 1994
Date: Wed, 21 Dec 94 17:02:43 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412212302.AA03606@chuck.dallas.sgi.com>
Subject: Re: SSB QRP FOXes...split freqs

David Johnson says that he really wants to work me SSB.
Come one come all. This is truly a rare event in Ham

Radio History. You'll get to see why I don't like my voice. :-) Remember I are from Texas and I really don't have an accent. :-)

Is Thursday nite the 80M NE CW QRP color crystal thingy? I know that Jim, W1FMR, posted the Feb contest sometime back.

-over-

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Dec 21 02:38:57 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412210324.AA12643@Cybernetics.NET>
Subject: Re: SSB QRP FOXes...split freqs (fwd)
Date: Tue, 20 Dec 1994 22:24:18 -0500 (EST)

>
> In the USA, 7.150-7.225 is good for Advanced and Extra licensees...
> the 7.160-7.165 segment can be worked by all with General and up.
>

I really said that? Of course, I meant 7.260-7.265 MHz.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Wed Dec 21 12:37:51 1994
Date: Wed, 21 Dec 1994 06:27:55 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: Super T tuner from Kanga US?
Message-Id: <Pine.HPP.3.90.941221062455.12086E-100000@fohnix.metronet.com>

hi stephen, GL on the G-test. IMHO darned near any tuner will work fine, I used a simple L-network tuner for years [I can send plans if you'd like]. My best successes while living in an apartment were with the magnet wire out the window trick. Mount a small flag holder [the type you slip a flag on a 3' dowel into] just outside the window near the rig. When night comes you slip a dowel with a screw eye on the end into it with the antenna wire run thru the screw eye and wrapped around the screw once to take the strain [so your rig doesn't fly out the window if someone yanks the wire :) Use a tiny insulator on the far end, attach some dark twine and toss it into a tree or connect it to a clandestine hook you can get to via an outside stairway -- voila, you're on the air.

73 'Doc' W5TB

On 21 Dec 1994, Stephen Trier wrote:

>
> Gang,
>
> I need a tuner. I'm living in an apartment with no immediate prospects
> for outdoor antennas, and it's obvious I need to build a tuner. I'm
> thinking about the Super T tuner kit from Kanga US.
>
> Any opinions on whether this is a good design? Am I likely to be happy
> with it, or will I want something else? What else?
>
> I think I'm looking for something to tune indoor dipoles and possibly a
> clandestine magnet-wire antenna out the window. Tell me if I should be
> looking for something else -- I know very little about tuners.
>
> Stephen
>
>
> --
> Stephen Trier "If it sounds good, it is good."
> sct@po.cwru.edu - Duke Ellington
> KG8IH
>
>

From owner-qrp-1@netcom.com Wed Dec 21 03:27:18 1994
Date: Tue, 20 Dec 1994 21:33:43 -0700 (MST)
From: "James P. Rybak" <jrybak@mesa5.mesa.colorado.edu>
Subject: W3NQN
Message-Id: <Pine.3.89.9412202103.E12130-01000000@mesa5.mesa.colorado.edu>

Information concerning the W3NQN filter that Larry East discussed last week can be obtained from Ed Wetherhold (W3NQN) directly. His address is

Ed Wetherhold
1426 Catlyn Place
Annapolis, MD 21401

Be sure to include an SASE with your request.

The filter was included in the 1989-1994 ARRL Handbooks. It's on page 28-1 in the 1989 Handbook. I'm not sure if it is in the 1995 Handbook.

Jim Rybak W0KSD

From owner-qrp-l@netcom.com Wed Dec 21 20:58:37 1994
Date: Wed, 21 Dec 1994 17:11:32 -0500
Message-Id: <199412212211.AA10976@yfn2.ysu.edu>
From: ah301@yfn.ysu.edu (Jerry Sy)
Subject: what is the fox hunt everybody is talking about ?

question says it all.
It sounded fun.
can a person doing 13wpm only join in ?
or is the fox hunt only for EXTRA class that can do >20wpm ?

jerry N3RKD

From owner-qrp-l@netcom.com Wed Dec 21 18:29:31 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412211847.AA08551@Cybernetics.NET>
Subject: Re: What the heck is all this FOX stuff?
Date: Wed, 21 Dec 1994 13:47:51 -0500 (EST)

I received this private email--but I'll reply to the list also,
because another email makes me think that we've caught the
interest of more people than before. :^)

>
> OK, OK--I give! I have been reading qrp-l for some time now, and
> have seen much communication regarding FOX HUNTING. What's it all
> about? (Is there a FAQ somewhere that describes all this activity?)

That's K5FO' department: better post those Queensbury Rules again, Chuck.

>
> It appears that the FOX announces where s/he'll be that eve. and
> everyone tries to contact him or her?

Correct.

> Then what? Report in somehow?

The FOX reports in to K5FO (as will be clear when Chuck posts the FAQ).
We, the hounds, get bragging rights...as I did in the post titled:
"About last night..." :^)

> What the heck is a crib sheet, anyway?

The cribsheet, which I'm maintaining, is a list of people who emailed me to say that they are likely fox hunters...and want a list of other hounds who subscribe to QRP-L...so if they hear them while foxhunting, they can call them knowing that 1) they are running QRP and 2) know what's up and 3) do email/I-net QRP-L also.

Those are the people that I'd prefer to bump into when I go up to 7.040 looking around for QRPers on fox night and other nights.

> And can anyone p[la]y, or just
> members of some qrp group?

I'll allow Chuck to give the definitive answer on that...with respect to the points totalisator'ing and winning one of the prizes.

> And if hounds are supposed to contact
> hounds, how do I know a hound when I hear him or her?

>From the cribsheet.

> Because s/he's
> trying to contact the fox?
>

That way, too! :^)

I'll let Chuck handle further questions...he initiated it; and from the number of hounds I heard last night...it's going great guns. :^)

One last note: the email I received and quoted had no internal signature or callsign...so I can't put you on the cribsheet.

Anyone wanting onto the cribsheet (already over 50 callsigns) needs to send me an email with the subject: "FOX CHASER <your callsign>". Send that email to the address right down there.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Wed Dec 21 05:55:28 1994
Date: Wed, 21 Dec 94 00:43:43 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412210643.AA02311@chuck.dallas.sgi.com>
Subject: Wow

Gang,

Last night was a lot of fun. There were a bunch of you on.

I heard Mark, but he was very very weak about a 339. He didn't hear me.

I worked 18 stations in a short period of time. KF8EE, Ted, called me and then got clobbered with QRM and QSB.

Thanks to all who worked me and sorry for those of you who called me and I couldn't get to. I promise to stay around when I am the FOX and work everyone. We'll do contest style, i.e. just RST QTH es NAME with no extras, e.g. 579 579 TX TX Chuck Chuck and see how many we can rack up. :-0

Did you guys notice the band? I've been on 40M for 37 years and during the winter you can get some fantastic propagation just as it is changing. First, signals will fade and then come back like gang-busters. Some of you were 449 and then went to 599. N6ULU, Stan, sounded like he was in the back yard. He was hearing Africa and I was hearing IV3YYK at 7.010.

I have a Heath GC-1000 sitting on the desk, so I know what time I worked you each and everyone. :-) The clock does WWV at 15, 10, and 5 MHz. I get to watch the MUF go down. During the Fox Hunt it went below 5MHz and then came back up.

It was great to see so much activity. Look forward to next week.

Be there and be square.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Dec 21 12:54:36 1994
Date: Wed, 21 Dec 1994 09:17:45 +0500
From: teda@meaddata.com (Ted Albert)
Message-Id: <9412211417.AA15701@rain.meaddata.com>
Subject: Re: Wow

> I worked 18 stations in a short period of time. KF8EE, Ted,
> called me and then got clobbered with QRM and QSB.

>

>

But you did hear me. :-) You were BOOMING in here last night. I wanted to ask what rig you were using and was ready to accuse you of powering up the Argosy. Heard you tell NA5K that it was an Explorer from OHR. Sounded great on the long wire. I was on the Argonaut II with the long wire.

Quite a night for INET stations. I never heard the fox, but sure heard a lot of the regulars. Who says QRP doesn't work? Last night was fun!

73 de Ted, KF8EE
Loveland, OH
Grid: EM79